

Amendments to the Specification

Please replace paragraph [0023] with the following amended paragraph:

[0023] ~~Figure 1B is~~ **Figures 1B and 1C** show an alignment comparison of amino acid sequences from the putative transmembrane domains of proteins in the phylogenetic tree shown in Figure 1A. The alignment shows strong similarity in areas such as transmembrane domain six (TM6) among all members, and more specific pockets of similarity common to the three ANKTM1 homologues peppered throughout the region. The alignment is generated using MEGALIGN™ and BOXSHADE™ alignment programs. Identical and conserved areas are shaded. Transmembrane domains of mANKTM1 are marked as TM.

Please replace paragraph [0047] with the following amended paragraph:

[0047] To characterize human ANKTM1, full-length mouse ANKTM1 was amplified from mouse dorsal root ganglia (DRG) and trigeminal ganglia that contain somatic sensory neurons using RT-PCR. Theoretical translation of the mouse nucleotide sequence predicts a protein of 1125 amino acid residues (~~SEQ ID NO:1~~), very similar to human ANKTM1 (1119 amino acids) (~~SEQ ID NO:2~~) (~~Figure 1A~~). Mouse ANKTM1 has 14 predicted N-terminal ankyrin domains followed by a six transmembrane (6TM) domain (see Figure 1A).